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Input-to-state stability of time-invariant systems on time scales

This presentation will give a short look into the topic of my PhD research. To this end there will be a small introduction to the concept of dynamical systems on time scales and input-to-state stability for such systems. After that different results regarding ISS of finite dimensional linear and non-linear systems on time scales will be presented and discussed. As these systems are a generalization of the ones in continuous and discrete time, there is a high emphasis on comparing the classical known theory with the results for time scales.
Finally there will be an outlook on future research and open questions.

Ort: Mathematik Ost, Seminarraum 01.003	Zeit: Mittwoch, 31.07.2024 13:00

Zu diesem Vortrag laden wir Sie herzlich ein.

gez. Sergey Dashkovskiy